

## Abstract of the Disclosure

A purpose of the present invention is to clarify the mechanism of the intrinsic clotting system which is induced by activation of blood coagulation factor IX by erythrocyte membrane, and to clarify the structure of a factor which activates blood coagulation factor IX by isolating and identifying the factor.

The present invention provides a blood coagulation factor IX-activating protein derived from a mammal, which has an amino acid sequence of SEQ ID NO.4 and has the following properties:

- (1) the protein acts on blood coagulation factor IX to activate said factor;
- (2) the activity of the protein is inhibited in the presence of an  $\alpha$ 1-protease inhibitor or soybean trypsin inhibitor;
- (3) the protein is present in erythrocyte membrane;
- (4) the protein has a molecular weight of approximately 29 kDa as measured by SDS-PAGE.